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- (74) Agent: **GRIFFITH HACK**; 509 St Kilda Road, MELBOURNE, Victoria 3004 (AU).
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: TREATMENT OF HYPERSENSITIVITY CONDITIONS

(57) Abstract: This invention relates to methods of treatment of hypersensitivity conditions such as asthma and other allergic conditions, and especially to treatment of these conditions with cyclic peptidic and peptidomimetic compounds which have the ability to modulate the activity of G protein-coupled receptors. The compounds preferably act as antagonists of the C5a receptor, and are active against C5a receptors on polymorphonuclear leukocytes and macrophages. Particularly preferred compounds for use in the methods of the invention are disclosed.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: A61K 38/08, 38/12, A61P 11/06, 37/08.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, MEDLINE; keywords- hypersensitivity, eczema, asthma, dermatitis, GPCR, G-Protein Coupled Receptor, c5a, c5aR.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| Y | WO 1999/00406 A (The University of Queensland) 7 January 1999 (07.01.99) See Whole document. | 1-27 |
| Y | WO 2002/24222 A (The Cleveland Clinic Foundation) 28 March 2002 (28.03.02) See claim 8 page 34. | 1-27 |
| Y | Bertrand C, et al "CCR3 blockade as a new therapy for asthma" Exp.Opin. Invest. Drugs (2000) 9 (1) pp43-52. | 1-27 |

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | Mita, H et al "Levels of cysteinyl leukotriene receptor mRNA in human peripheral leucocytes: significantly higher expression of cysteinyl leukotriene receptor 2 mRNA in eosinophils" Clinical and Experimental Allergy, 2001, Vol 31, pp 1714-1723. | 1-27 |
| Y | Johnson E, et al "Heterotrimeric G protein signalling: Role in asthma and allergic inflammation" J Allergy Clin Immunology, 2002 Volume 109, No 4 pp 592-602. | 1-27 |
| Y | Owen, C. "Chemokine receptors in Airway Disease: Which Receptors to Target?" Pulmonary Pharmacology and Therapeutics" (2001) 14, pp193-202. | 1-27 |

Information on patent family members

International application No.

PCT/AU2003/001374

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | Patent Family Member | |
|---|----------|----------------------|--------------|
| WO | 99/00406 | AU 80926/98 | EP 1017713 |
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